

Applied Psychophysiology and Biofeedback

Vol. 25, No. 1

March 2000

CONTENTS

ORIGINAL RESEARCH

Effect of Sahaja Yoga Meditation on Auditory Evoked Potentials (AEP)
and Visual Contrast Sensitivity (VCS) in Epileptics 1

*U. Panjwani, W. Selvamurthy, S. H. Singh, H. L. Gupta, S. Mukhopadhyay,
and L. Thakur*

Self-regulation of Slow Cortical Potentials in Children with Migraine:
An Exploratory Study 13

*Michael Siniatchkin, Anke Hierundar, Peter Kropp, Ralf Kuhnert,
Wolf-Dieter Gerber, and Ulrich Stephani*

Reliability and Stability of Contingent Negative Variation 33
*Peter Kropp, Angela Kiewitt, Hartmut Göbel, Peter Vetter,
and Wolf-Dieter Gerber*

INNOVATIONS IN INSTRUMENTATION

Can Taste Aversion Prevent Bruxism? 43
Moti Nissani

Use of Microneurography to Evaluate Sympathetic Activity in Hypertension:
A Brief Review 55
Carolyn B. Yucha

MEMBERSHIP APPLICATION—Association for Applied Psychophysiology
and Biofeedback 65

Applied Psychophysiology and Biofeedback

Vol. 25, No. 2

June 2000

CONTENTS

ORIGINAL RESEARCH

The Incremental Validity of Lumbar Surface EMG, Behavioral Observation, and a Symptom Checklist in the Assessment of Patients with Chronic Low-Back Pain	67
<i>Kenneth R. Lofland, Jeffrey E. Cassisi, Jennifer B. Levin, Nancy L. Palumbo, and E. Richard Blonsky</i>	
Asthma Severity, Psychophysiological Indicators of Arousal, and Immune Function in Asthma Patients Undergoing Biofeedback-Assisted Relaxation	79
<i>Cheryl L. Kern-Buell, Angele V. McGrady, Philip B. Conran, and Lois A. Nelson</i>	
Stress Reduction by Technology? An Experimental Study into the Effects of Brainmachines on Burnout and State Anxiety	93
<i>Hans C. Ossebaard</i>	
Evaluation of a Psychophysiologically Controlled Adaptive Automation System, Using Performance on a Tracking Task	103
<i>Frederick G. Freeman, Peter J. Mikulka, Mark W. Scerbo, Lawrence J. Prinzel, and Keith Clouatre</i>	
CLINICAL FORUM-CLINICAL REPLICATION SERIES	
A Clinical Study of Visualization on Depressed White Blood Cell Count in Medical Patients	117
<i>Vann Williams Donaldson</i>	
MEMBERSHIP APPLICATION—Association for Applied Psychophysiology and Biofeedback	
	129

Applied Psychophysiology and Biofeedback

Vol. 25, No. 3

September 2000

CONTENTS

EDITOR'S NOTE	131
ORIGINAL RESEARCH	
The EEG Consistency Index as a Measure of ADHD and Responsiveness to Medication <i>R. Lawrence Merkel, Daniel J. Cox, Boris Kovatchev, James Morris, Jr., Rob Seward, Rebecca Hill, and Ron Reeve</i>	133
An Examination of the Relationship Between Resting Heart Rate Variability and Heart Rate Reactivity to a Mental Arithmetic Stressor <i>Christopher F. Sharpley, Peter Kamen, Maria Galatsis, Rod Heppel, Charles Veivers, and Kim Claus</i>	143
Psychophysiological Assessment of Compulsive Gamblers' Arousal to Gambling Cues: A Pilot Study <i>Edward B. Blanchard, Edelgard Wulfert, Brian M. Freidenberg, and Loretta S. Malta</i>	155
Neurofeedback—The Significance of Reinforcement and the Search for an Appropriate Strategy for the Success of Self-regulation <i>Michael Siniatchkin, Peter Kropp, and Wolf-Dieter Gerber</i>	167
CLINICAL FORUM	
EXTENDED TREATMENT PROTOCOL	
Resonant Frequency Biofeedback Training to Increase Cardiac Variability: Rationale and Manual for Training <i>Paul M. Lehrer, Evgeny Vaschillo, and Bronya Vaschillo</i>	177
CLINICAL REPLICATION SERIES	
Respiratory Sinus Arrhythmia Biofeedback Therapy for Asthma: A Report of 20 Unmedicated Pediatric Cases Using the Smetankin Method <i>Paul Lehrer, Alexander Smetankin, and Tamara Potapova</i>	193
MEMBERSHIP APPLICATION—Association for Applied Psychophysiology and Biofeedback	201

Applied Psychophysiology and Biofeedback

Vol. 25, No. 4

December 2000

CONTENTS

ORIGINAL RESEARCH

Influence of a Scheduled-Waiting Task on EMG Reactivity and Oral Habits
Among Facial Pain Patients and No-Pain Controls 203
Robert A. Nicholson, Donald R. Townsend, and Sandra E. Gramling

Oxygen Consumption and Respiration Following Two Yoga Relaxation
Techniques 221
Shirley Telles, Satish Kumar Reddy, and H. R. Nagendra

CLINICAL FORUM-CASE STUDIES AND CLINICAL REPLICATION SERIES

Electromyographic (EMG) Biofeedback in the Comprehensive Treatment
of Central Pain and Ataxic Tremor Following Thalamic Stroke 229
*Christopher L. Edwards, Shiv Sudhakar, Mischca T. Scales,
Katherine L. Applegate, Wendy Webster, and Renee H. Dunn*

KEYNOTE ADDRESS

Stress and Human Spirituality 2000: At the Cross Roads of Physics
and Metaphysics 241
Brian Luke Seaward

ABSTRACTS

Abstracts of Papers Presented at the 31st Annual Meeting of the Association for
Applied Psychophysiology and Biofeedback 247

GUEST REVIEWERS

AUTHOR INDEX TO VOLUME 25 273

SUBJECT INDEX TO VOLUME 25 277

MEMBERSHIP APPLICATION—Association for Applied Psychophysiology
and Biofeedback 279

